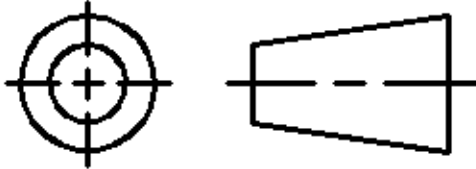


tyco / Electronics Harrisburg, PA 17105-3608				CUSTOMER DATA		PART NO. VF7-11F12		SHT. 1 OF 2	
DRAWN M.BROWN	APPROVAL	DATE 08-23-02	SCALE 1 : 1	CUSTOMER TYCO STANDARD					
TOLERANCE 0.X = +/- UNLESS 0.XX = +/- SPECIFIED 0.XXX = +/- OTHERWISE ANGLES = +/-						CHANGES			
						REV.	DATE	CO	APP.
						02-13-04	REVISED	MDB	B.T.
		04-28-04	REVISED	MDB	B.T.				

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES @ 23°C UNLESS OTHERWISE SPECIFIED)

COIL DATA:

NOMINAL VOLTAGE: 12 VDC
OPERATE VOLTAGE: 7.2 VDC MAXIMUM
RELEASE VOLTAGE: 1.2 VDC MINIMUM
COIL RESISTANCE: 72 OHMS ±10%
OPERATE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE
RELEASE TIME: 3 mSEC MAXIMUM
TEMPERATURE RANGE: STORAGE -40°C TO +155°C
OPERATING -40°C TO +85°C
OPERATING -40°C TO +125°C (APPLICATION DEPENDENT)

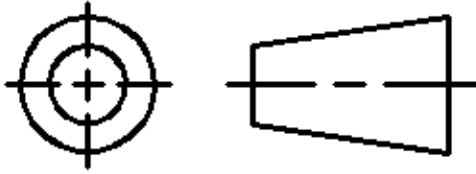
CONTACT DATA:

CONTACT ARRANGEMENT: 1 FORM A (SPST)
CONTACT MATERIAL: AgNi 0.15 (FINE GRAIN SILVER)
CONTACT MILLIVOLT DROP: 200mV @ 70A (AFTER SWITCHING)
MAXIMUM MAKE CURRENT: 120A (LAMP) @ 16 VDC
MAXIMUM BREAK CURRENT: 70A @ 16 VDC RESISTIVE
MAXIMUM CONTINUOUS CURRENT: 70 A @ 23°C, 50A @ 85°C
INITIAL BREAKDOWN VOLTAGE: 500V RMS CONTACTS AND COIL

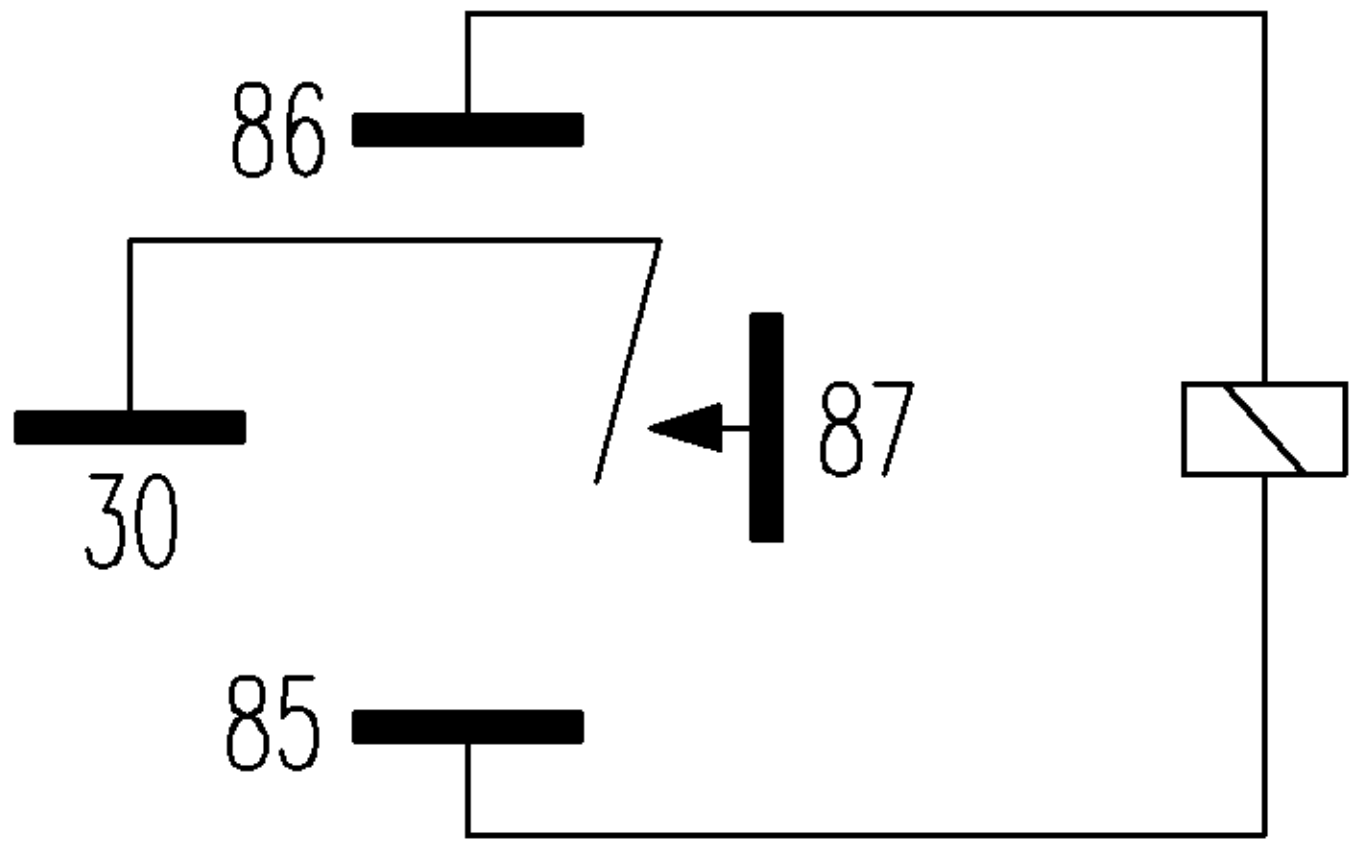
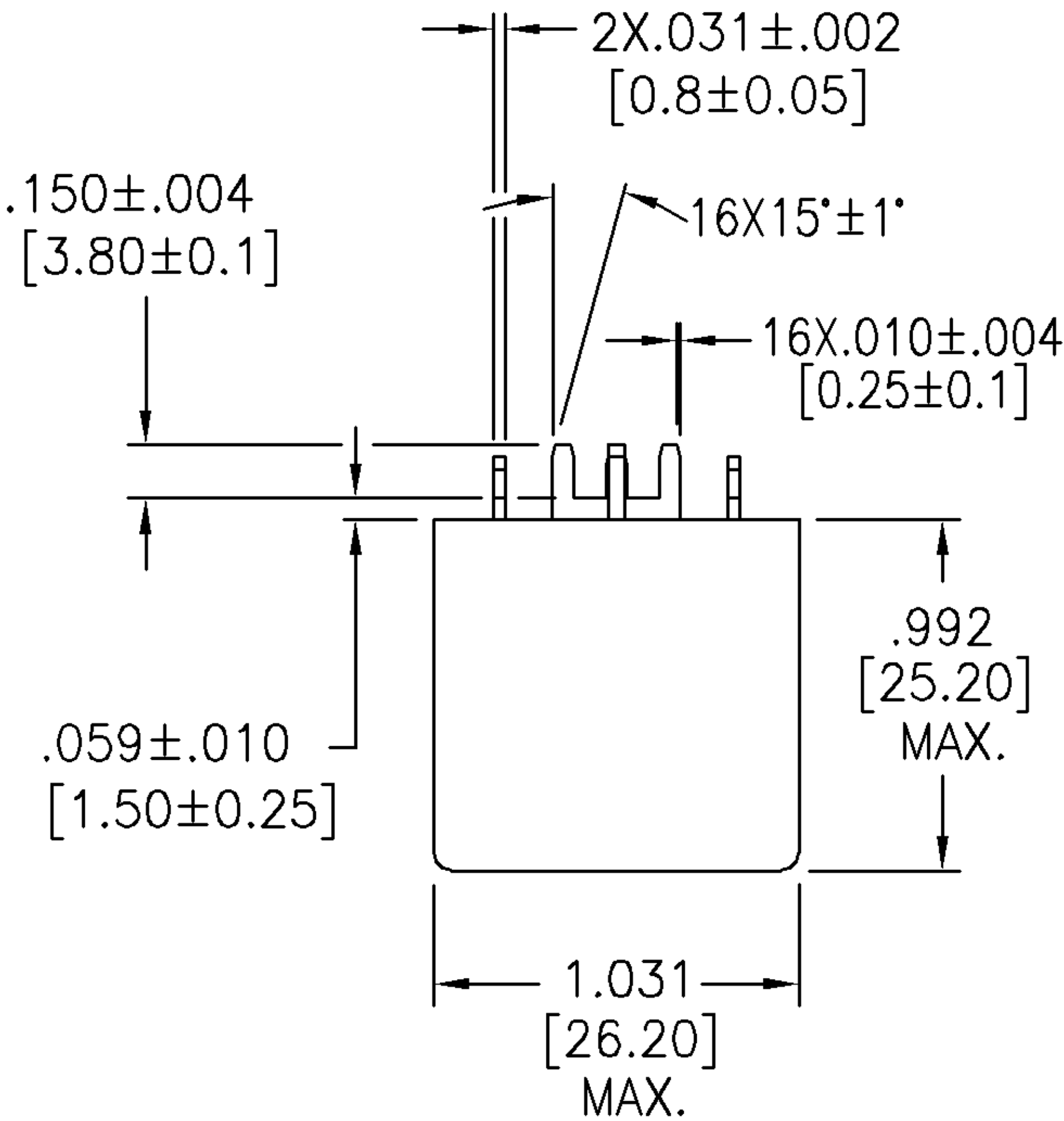
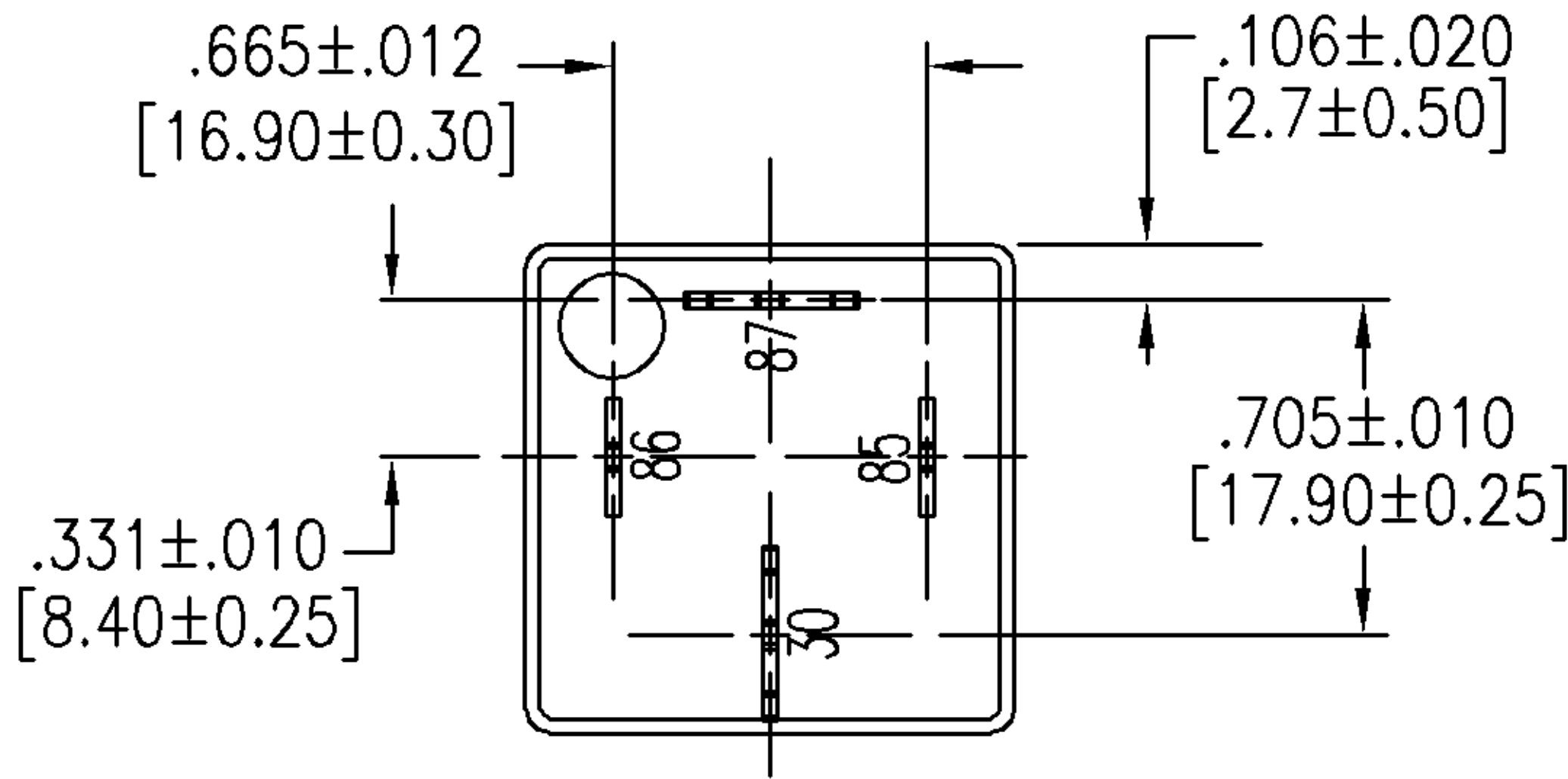
EXPECTED LIFE: 100,000 OPERATIONS, 70A, 14 VDC RESISTIVE @ 23°C

MECHANICAL CHARACTERISTICS:

EXPECTED LIFE: 10 MILLION OPERATONS, NO CONTACT LOAD, 20 OPERATIONS PER SECOND MAXIMUM

tyco / Electronics Harrisburg, PA 17105-3608				CUSTOMER DATA		PART NO. VF7-11F12	SHT. 2 OF 2
DRAWN M.BROWN	APPROVAL	DATE 08-23-02	SCALE 1 : 1	CUSTOMER TYCO STANDARD			
TOLERANCE 0.X = +/- UNLESS 0.XX = +/- SPECIFIED 0.XXX = +/- OTHERWISE ANGLES = +/-						REV. D	
				DO NOT SCALE THIS DRAWING		INCHES = X.XXX MILLIMETERS = [XX.XX]	

TOP MARKING TO INCLUDE:
 MANUFACTURER'S LOGO, MANUFACTURER'S
 PART NUMBER, COIL VOLTAGE, SCHEMATIC,
 AND COUNTRY OF ORIGIN.



SCHEMATIC DIAGRAM (BOTTOM VIEW)

